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Our Reference: 8400 DE

Gluing station in a bottoming device

Patent Claims

1. Bottoming device for cross bottom sacks, which are built from tube segments (1),
 - whereby the sacks pass through different processing stations in the bottoming device along the direction of transport (x) and
 - during the transport through the bottoming device, the axis of the tube segments (1) is oriented essentially horizontally as well as orthogonal to the direction of conveyance (x) of the tube segments (1) and
 - cross bottoms form at both the ends (2) of the tube segments (1),
 - whereby, during their gluing in one of the gluing stations (10) foreseen for that, the folded bottoms lie essentially orthogonal to the tube axis and
 - the glue transfer on both the folded cross bottoms takes place, under contact pressure from one of the glue transfer rollers (6, 6') – which is often equipped with a format or a format block roller,
 - whereby this contact pressure is provided by counterpressure rollers (7, 7', 8, 8') which are provided in the gluing station (10) on the respective sides of the sack bottom lying opposite to the glue transfer rollers (6, 6'),

- so that in each case, the respective glue transfer rollers (6, 6') and counter pressure rollers (7, 7', 8, 8') form a function pair for the gluing of the folded cross bottoms

characterized in that

both the function pairs are mutually offset in the direction of the transport (x) of the sacks.

2. Bottoming device according to claim 1

characterized in that

the diameter (B, B') of at least one of the two counterpressure rollers (7, 7', 8, 8') is greater than half of the mean bottom size of the sacks.

3. Bottoming device according to claim 2

characterized in that

the distance between the axes of the two function pairs in the direction of transport (x) of the sacks is smaller than 50 cm.